Author Index

Antia, F. D.
—— and Horváth, Cs.
Gradient elution in non-linear preparative liquid chromatography 1
Baker, C.
——, Bowlen, C., Koharski, D. and McNamara, P.
Purification of radiolabeled pharmaceuticals 347
Borders, D. B., see Williams, D. R. 381
Boublik, J., see Hoeger, C. 307
Bowlen, C., see Baker, C. 347
Brocklin, L. van, see Chen, T.-W. 167
Burke, Jr., T. R.
—— and Chandrasekhar, B.
Preparative reversed-phase high-performance liquid chromatography in the synthesis of viscosin, a cyclic depsipeptide 293
Bush, H., see Miller, L. 259, 337
Carbognani, L.
—— and Izquierdo, A.
Preparative and automated compound class separation of Venezuelan vacuum residua by high-performance liquid chromatography 399
Carr, P. W., see Lucy, C. A. 61
——, see Rigney, M. P. 273
Carter, G. T., see Williams, D. R. 381
Chandrasekhar, B., see Burke, Jr., T. R. 293
Chen, T.-W.
——, Pinto, N. G. and Van Brocklin, L.
Rapid method for determining multicomponent Langmuir parameters for displacement chromatography 167
Conway, W. D.
——, Klingman, J. D., Greco, D. and Huh, K.
Purification of nitrophenylvaleric acid reaction mixtures by counter-current chromatography 391
Cooley, R. S., see Knight, M. 299
Cowan, G. H.
——, Gosling, I. S. and Sweetenham, W. P.
Modelling methods to aid the design and optimisation of batch stirred-tank and packed-bed column adsorption and chromatography units 187
Cox, G. B.
——, Snyder, L. R. and Dolan, J. W.
Preparative high-performance liquid chromatography under gradient conditions. I. Band broadening in gradient elution as a function of sample size 409
——, see Snyder, L. R. 425, 437
Cramer, S. M., see Subramanian, G. 225
Czok, M., see Jacobson, S. 103
Derrico, E. M., see Miller, L. 259
Dolan, J. W., see Cox, G. B. 409
——, see Snyder, L. R. 425, 437
Gluch, S., see Knight, M. 299
Goldstein, D. M., see Strickler, M. P. 369
Golshan-Shirazi, S.
—— and Guiochon, G.
Analytical solution of the ideal model of elution chromatography in the case of a binary mixture with competitive Langmuir isotherms. II. Solution using the *h*-transform 125
——, see Jacobson, S. 103
Gosling, I. S., see Cowan, G. H. 187
Greco, D., see Conway, W. D. 391
Guiochon, G., see Golshan-Shirazi, S. 125
——, see Jacobson, S. 103
——, see Lin, B. 83
——, see Newburger, J. 153
Hoeger, C.
——, Porter, J., Boublik, J. and Rivier, J.
Preparative-scale synthesis and reversed-phase purification of a gonadotropin-releasing hormone antagonist 307
Hofmann, W., see Josić, D. 327
Horváth, Cs., see Antia, F. D. 1
Huh, K., see Conway, W. D. 391
Ito, Y., see Knight, M. 319
Izquierdo, A., see Carbognani, L. 399
Jacobson, S.
——, Golshan-Shirazi, S., Katti, A. M., Czok, M., Ma, Z. and Guiochon, G.
Theoretical study of multi-component interferences in non-linear chromatography 103
Jayaraman, G., see Subramanian, G. 225
Josić, D.
——, Zeilinger, K., Lim, Y.-P., Raps, M., Hofmann, W. and Reutter, W.
Preparative isolation of glycoproteins from plasma membranes of different rat organs 327
Katti, A. M., see Jacobson, S. 103
Kennington, A. S., see Strickler, M. P. 369
Kim, S. U., see Lee, C. K. 29
Klingman, J. D., see Conway, W. D. 391

Knight, M.
——, Gluch, S., Meyer, R. and Cooley, R. S.
Purification of synthetic peptides on a high-resolution preparative reversed-phase column 299
—— and ito, Y.
Chromatography of peptides on a multi-coil counter-current chromatograph 319
Koharski, D., see Baker, C. 347
Lee, C. K.
——, Yu, Q., Kim, S. U. and Wang, N.-H. L.
Mass transfer effects in isocratic non-linear elution chromatography 29
Lim, Y.-P., see Josić, D. 327
Lin, B.
——, Ma, Z. and Guiochon, G.
Influence of calculation errors in the numerical simulation of chromatographic elution band profiles using an ideal or semi-ideal model 83
Lommen, D. C., see Snyder, L. R. 425
Lucy, C. A.
——, Wade, J. L. and Carr, P. W.
Study of preparative reversed-phase chromatography by application of kinetic and equilibrium models of column overload 61
Ma, Z., see Jacobson, S. 103
——, see Lin, B. 83
McNamara, P., see Baker, C. 347
Meyer, R., see Knight, M. 299
Miller, L.
——, Bush, H. and Derrico, E. M.
Solid injection, a new technique for application of insoluble samples in preparative liquid chromatography 259
—— and Bush, H.
Preparative resolution of enantiomers of prostaglandin precursors by liquid chromatography on a chiral stationary phase 337
Newburger, J.
—— and Guiochon, G.
Experimental utilization of a displacement effect for the optimization of the separation of a two-component mixture 153
Perry, J. A.
—— and Szczerba, T. J.
Preparative packing utility as a function of particle size 267
Phillips, M. W., see Subramanian, G. 225
Pinho, G., see Williams, D. R. 381
Pinto, N. G., see Chen, T.-W. 167
Porter, J., see Hoeger, C. 307
Quintero, G., see Vigh, Gy. 237, 251
Raps, M., see Josić, D. 327
Reutter, W., see Josić, D. 327
Riba, J. P., see Wilhelm, A. M. 211
Rigney, M. P.
——, Weber, T. P. and Carr, P. W.
Preparation and evaluation of a polymer-coated zirconia reversed-phase chromatographic support 273
Rivier, J., see Hoeger, C. 307
Snyder, L. R., see Cox, G. B. 409
——, Dolan, J. W. and Cox, G. B.
Preparative high-performance liquid chromatography under gradient conditions. III. Craig simulations for heavily overloaded separations 437
——, Dolan, J. W., Lommen, D. C. and Cox, G. B.
Preparative high-performance liquid chromatography under gradient conditions. II. A computer program for the design of reversed-phase gradient-elution separations of peptide and protein samples 425
Steenbeke, G., see Verzele, M. 361
Stone, M. J., see Strickler, M. P. 369
Strating, J., see Verzele, M. 361
Strickler, M. P.
——, Stone, M. J., Kennington, A. S. and Goldstein, D. M.
Strategy for the preparative-scale high-performance liquid chromatographic isolation of kadsurenone and futoquinol from the medicinal plant *Piper futokadsura* 369
Subramanian, G.
——, Phillips, M. W., Jayaraman, G. and Cramer, S. M.
Displacement chromatography of biomolecules with large particle diameter systems 225
Sweetenham, W. P., see Cowan, G. H. 187
Szczerba, T. J., see Perry, J. A. 267
Van Brocklin, L., see Chen, T.-W. 167
Verhagen, L. C., see Verzele, M. 361
Verzele, M.
——, Steenbeke, G., Verhagen, L. C. and Strating, J.
Preparative liquid chromatography of hop and beer bitter acids 361
Vigh, Gy.
——, Farkas, Gy. and Quintero, G.
Displacement chromatography on cyclodextrin–silicas. II. Separation of *cis–trans* isomers in the reversed-phase mode on α-cyclodextrin–silica 251
——, Quintero, G. and Farkas, Gy..
Displacement chromatography on cyclodextrin–silicas. I. Separation of positional and geometrical isomers in the reversed-phase mode 237
Wade, J. L., see Lucy, C. A. 61
Wang, N.-H. L., see Lee, C. K. 29
Weber, T. P., see Rigney, M. P. 273

Wilhelm, A. M.
—— and Riba, J. P.
Scale-up and optimization in production liquid chromatography 211

Williams, D. R.
——, Carter, G. T., Pinho, F. and Borders, D. B.
Process-scale reversed-phase high-performance liquid chromatography purification of LL-E19020α, a growth promoting antibiotic produced by *Streptomyces lydicus* ssp. *Tanzanius* 381
Yu, Q., see Lee, C. K. 29
Zeilinger, K., se Josić, D. 327